

**Intel Corporation**  
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Chantilly, VA 20151

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Page 1 of 18 **MAY 30 2006**

**FAX**

*Urgent and Confidential*

Date: May 30, 2006

**TO:** USPTO  
Examiner B. Chervinsky  
Art Unit 2835  
Fax Number 571-273-8300

**FROM:** Paul E. Steiner  
Fax Number 703-633-3303  
Phone Number 703-633-6830

**SUBJECT:** Application Number 10/822,054  
Inventor(s) Richard MONTGOMERY, et al.  
Date Filed April 8, 2004  
Docket Number P15278  
Title Cold Plate

**INCLUDED IN THIS TRANSMISSION:**

|                                |          |
|--------------------------------|----------|
| Fax Cover Sheet                | 1 page   |
| Fee Transmittal                | 1 page   |
| Transmittal                    | 1 page   |
| Petition for Extension of Time | 1 page   |
| Appeal Brief                   | 14 pages |

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Cathy Dikes Cathy Dikes

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**MAY 30 2006**

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 18

|                        |                    |
|------------------------|--------------------|
| Application Number     | 10/822,054         |
| Filing Date            | April 8, 2004      |
| First Named Inventor   | Richard MONTGOMERY |
| Art Unit               | 2835               |
| Examiner Name          | B. Chervinsky      |
| Attorney Docket Number | P15278             |

| ENCLOSURES (Check all that apply)  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input checked="" type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input checked="" type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br><input type="checkbox"/> Fax cover sheet |
| Remarks  |  |  |
| Replacement Drawing Sheet 1  |  |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |                   |          |        |
|--------------|-------------------|----------|--------|
| Firm Name    | Intel Americas    |          |        |
| Signature    | /Paul E. Steiner/ |          |        |
| Printed name | Paul E. Steiner   |          |        |
| Date         | May 30, 2006      | Reg. No. | 41,326 |

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |                    |      |              |
|-----------------------|--------------------|------|--------------|
| Signature             | <i>Cathy Dikes</i> |      |              |
| Typed or printed name | Cathy Dikes        | Date | May 30, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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04-29-50 p.m.

05-30-2006

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MAY 30 2006

PTO/SB/17 (12-04v2)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).  
**FEE TRANSMITTAL**  
For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

620.00

**Complete if Known**

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/822,054         |
| Filing Date          | April 8, 2004      |
| First Named Inventor | Richard MONTGOMERY |
| Examiner Name        | B. Chervinsky      |
| Art Unit             | 2835               |
| Attorney Docket No.  | P15278             |

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation  
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

|  |   |
|--|---|
| <input checked="" type="checkbox"/> Charge fee(s) indicated below  | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments                       |

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**FEES CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| <u>Application Type</u> | <u>FILING FEES</u> |                     | <u>SEARCH FEES</u> |                     | <u>EXAMINATION FEES</u> |                     | <u>Fees Paid (\$)</u> |
|-------------------------|--------------------|---------------------|--------------------|---------------------|-------------------------|---------------------|-----------------------|
|                         | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>    | <u>Small Entity</u> | <u>Fee (\$)</u>         | <u>Small Entity</u> |                       |
| Utility                 | 300                | 150                 | 500                | 250                 | 200                     | 100                 |                       |
| Design                  | 200                | 100                 | 100                | 50                  | 130                     | 65                  |                       |
| Plant                   | 200                | 100                 | 300                | 150                 | 160                     | 80                  |                       |
| Reissue                 | 300                | 150                 | 500                | 250                 | 600                     | 300                 |                       |
| Provisional             | 200                | 100                 | 0                  | 0                   | 0                       | 0                   |                       |

**2. EXCESS CLAIM FEES**Fee Description

Each claim over 20 (including Reissues)

Small EntityFee (\$)

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

Total ClaimsExtra Claims    Fee (\$)    Fee Paid (\$)

- 20 or HP = 0 x 50.00 = 0

Multiple Dependent ClaimsFee (\$)    Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims    Extra Claims    Fee (\$)    Fee Paid (\$)

- 3 or HP = 0 x 200.00 = 0

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets    Extra Sheets    Number of each additional 50 or fraction thereof    Fee (\$)    Fee Paid (\$)

- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Fee Paid (\$)

Other (e.g., late filing surcharge): Appeal Brief (\$500) Petition for Extension of Time (\$120)

620.00

**SUBMITTED BY**

|                   |                   |   |                        |
|-------------------|-------------------|---|------------------------|
| Signature         | /Paul E. Steiner/ | Registration No.<br>(Attorney/Agent) 41,326 | Telephone 703-633-6830 |
| Name (Print/Type) | Paul E. Steiner   |   | Date May 30, 2006      |

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